

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

APR 07 1999

ATTY. DOCKET NO.: UIOWA-0011

APPLICATION NO.: 08/675,821

APPLICANTS: Rosazza *et al.*

FILING DATE: July 5, 1996

GROUP: 1806

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
S	A1	5,268,465	12/07/93	Bredt & Snyder			
S	B1	5,468,630	11/21/95	Billiar <i>et al.</i>			
S	C1	5,498,539	3/12/96	Harrison <i>et al.</i>			
	D1						
	E1						
	F1						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATI ON
	R1						Yes No
	S1						Yes No
	T1						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

S	AA	Austin <i>et al.</i> , "A study of the action of bradykinin and bradykinin analogues in the human nasal airway," <i>J. Physiol.</i> 478:351-356 (1994).
S	AB	Bhoola, "Bioregulation of kinins: kallikreins, kininogens, and kininases," <i>Pharmacol. Rev.</i> 44:1-58 (1992).
S	AC	Bredt and Snyder, "Nitric oxide mediates glutamate-linked enhancement of cGMP levels in the cerebellum," <i>Proc. Natl. Acad. Sci. USA</i> 86:9030-9033 (1989).
S	AD	Bredt and Snyder, "Isolation of nitric oxide synthase, a calmodulin-requiring enzyme," <i>Proc. Natl. Acad. Sci. USA</i> 87:682-685 (1990).
S	AE	Bredt <i>et al.</i> , "Cloned and expressed nitric oxide synthase structurally resembles cytochrome P-450 reductase," <i>Nature</i> 351:714-718 (1991).

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10/24/90

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8	AF	Bredt <i>et al.</i> , "Nitric oxide synthase regulatory sites," <i>J. Biol. Chem.</i> 267:10976-10981 (1992).
8	AG	Burnett <i>et al.</i> , "Nitric oxide: a physiologic mediator of penile erection," <i>Science</i> 257:401-403 (1992).
8	AH	Busse and Mulsch, "Calcium-dependent nitric oxide synthase in endothelial cytosol is mediated by calmodulin," <i>FEBS Lett.</i> 265:133-136 (1990).
8	AI	Chen and Rosazza, "A bacterial nitric oxide synthase from a <i>Nocardia</i> species," <i>Biochem. Biophys. Res. Commun.</i> 203:1251-1258 (1994).
8	AJ	Chen and Rosazza, "Purification and characterization of nitric oxide synthase (NOS <sub>Noc</sub> ) from a <i>Nocardia</i> species," <i>J. Bacteriol.</i> 177:5122-5128 (1995).
8	AK	Corbett <i>et al.</i> , "Interleukin-1 $\beta$ -induced formation of EPR-detectable iron-nitrosyl complexes in Islets of Langerhans," <i>J. Biol. Chem.</i> 266:21351-21354 (1991).
8	AL	Evans <i>et al.</i> , "Purification of a distinctive form of endotoxin-induced nitric oxide synthase from rat liver," <i>Proc. Natl. Acad. Sci. U. S. A.</i> 89:5361-5365 (1992).
8	AM	Feelish <i>et al.</i> , "Correlation between nitric oxide formation during deregulation of organic nitrates and activation of guanylate cyclase," <i>Eur. J. Pharmacol.</i> 139:19-30 (1987).
8	AN	Forstermann <i>et al.</i> , "Isoforms of nitric oxide synthase," <i>Biochem. Pharmacol.</i> 42:1849-1857 (1991).
8	AO	Griffith <i>et al.</i> , "Nitric oxide synthases," <i>Annu. Rev. Physiol.</i> 57:707-736 (1995).
8	AP	Hecker <i>et al.</i> , "The metabolism of L-arginine and its significance for the biosynthesis of endothelium-derived relaxing factor: Cultured endothelial cells recycle L-citrulline to L-arginine," <i>Proc. Natl. Acad. Sci. USA</i> 87:8612-8616 (1990).
8	AQ	Hecker <i>et al.</i> , "On the substrate specificity of nitric oxide synthase," <i>FEBS Lett.</i> 294:221-224 (1991).
8	AR	Hecker <i>et al.</i> , "Characterization of a microsomal calcium-dependent nitric oxide synthase in activated J774.2 monocyte/macrophages," <i>J. Cardiovasc. Pharmacol.</i> 20:S139-S141 (1992).
8	AS	Hevel <i>et al.</i> , "Purification of the inducible murine macrophage nitric oxide synthase," <i>J. Biol. Chem.</i> 266:22789-22791 (1991).

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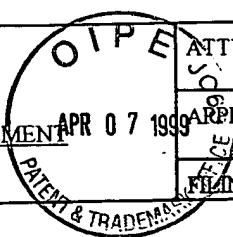
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## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

§	AT	Hibbs <i>et al.</i> , "Macrophage cytotoxicity: Role for L-arginine deiminase and imino nitrogen oxidation to nitrate," <i>Science</i> 235:473-476 (1987).
§	AU	Hiki <i>et al.</i> , "Purification of insoluble nitric oxide synthase from rat cerebellum," <i>J. Biochem.</i> 111:556-558 (1992).
§	AV	Ignarro <i>et al.</i> , "Endothelium-derived relaxing factor produced and released from artery and vein is nitric oxide," <i>Proc. Natl. Acad. Sci. USA</i> 84:9265-9269 (1987).
§	AW	Kiechle <i>et al.</i> , "Nitric Oxide," <i>Am. J. Clin. Pathol.</i> 100:567-575 (1993) (1990).
§	AX	Klatt <i>et al.</i> , "Multiple catalytic functions of brain nitric oxide synthase," <i>J. Biol. Chem.</i> 268:14781-14787 (1993).
§	AY	Knowles <i>et al.</i> , "Differential induction of brain, lung and liver nitric oxide synthase by endotoxin in the rat," <i>Biochem. J.</i> 270:833-836 (1990).
§	AZ	Knowles <i>et al.</i> , "Nitric oxide synthases in mammals," <i>Biochem. J.</i> 298:249-258 (1994)).
§	BA	Kwon <i>et al.</i> , "L-citrulline production from L-arginine by macrophage nitric oxide synthase," <i>J. Biol. Chem.</i> 265:13442-13445 (1990).
§	BB	Lamas <i>et al.</i> , "Endothelial nitric oxide synthase: molecular characterization of a distinct constitutive enzyme isoform," <i>Proc. Natl. Acad. Sci. U. S. A.</i> 89:6348-6352 (1992).
§	BC	Lammek <i>et al.</i> , "A new highly potent antagonist of bradykinin," <i>Peptides</i> 11:1041-1043 (1990).
§	BD	Lammek <i>et al.</i> , "A novel bradykinin antagonist with improved properties," <i>J. Phar. Pharmacol.</i> 43:887-888 (1991).
§	BE	Leone <i>et al.</i> , "Constitutive and inducible nitric oxide synthases incorporate molecular oxygen into both nitric oxide and citrulline," <i>J. Biol. Chem.</i> 266:23790-23795 (1991).
§	BF	Lowenstein <i>et al.</i> , "Cloned and expressed macrophage nitric oxide synthase contrasts with the brain enzyme," <i>Proc. Natl. Acad. Sci. U. S. A.</i> 89:6711-6715 (1992).
§	BG	Lyons <i>et al.</i> , "Molecular cloning and functional expression of an inducible nitric oxide synthase from a murine macrophage cell line," <i>J. Biol. Chem.</i> 267:6370-6374 (1992).

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ATTY. DOCKET NO.: UIOWA 0017 1999 APPLICATION NO.: 08/675,821

APPLICANTS: Rosazza et al.

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GROUP: 1806

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

BH	Marletta, "Nitric oxide synthase structure and mechanism," <i>J. Biol. Chem.</i> 268:12231-12234 (1993).
BI	Mayer <i>et al.</i> , "Purification of a $\text{Ca}^{2+}$ /calmodulin-dependent nitric oxide synthase from porcine cerebellum," <i>FEBS Lett.</i> 277:215-219 (1990).
BJ	McMillan <i>et al.</i> , "Cloned, expressed rat cerebellar nitric oxide synthase contains stoichiometric amounts of heme, which binds carbon monoxide," <i>Proc. Natl. Acad. Sci. USA</i> 89:11141-11145 (1992).
BK	Mulligan <i>et al.</i> , "Lung injury after deposition of IgA immune complexes," <i>J. Immunol.</i> 148:3086-3092 (1992).
BL	Nathan, "Nitric oxide as a secretory product of mammalian cells," <i>FASEB J.</i> 6:3051-3064 (1992).
BM	Ohshima <i>et al.</i> , "Purification of nitric oxide synthase from bovine brain: immunological characterization and tissue distribution," <i>Biochem. Biophys. Res. Commun.</i> 183:238-244 (1992).
BN	Olken <i>et al.</i> , "Inactivation of macrophage nitric oxide synthase activity by $\text{N}^G$ -methyl-L-arginine," <i>Biochem. Biophys. Res. Commun.</i> 177:828-833 (1991).
BO	Palmer <i>et al.</i> , "Nitric oxide release amounts for the biological activity of endothelium-derived relaxing factor," <i>Nature</i> 327:524-526 (1987).
BP	Palmer <i>et al.</i> , "Vascular endothelial cells synthesize nitric oxide from L-arginine," <i>Nature</i> 333:664-666 (1988).
BQ	Perrella, "EZ-FIT: A practical curve-fitting microcomputer program for the analysis of enzyme kinetic data on IBM-PC compatible computers," <i>Anal. Biochem.</i> 174:437-447 (1988).
BR	Pufahl <i>et al.</i> , "Mechanistic probes of N-hydroxylation of L-arginine by the inducible nitric oxide synthase from murine macrophages," <i>Biochemistry</i> 31:6822-6828 (1992).
BS	Regoli <i>et al.</i> , "Pharmacology of bradykinin and related kinins," <i>Pharmacol. Rev.</i> 32:1-46 (1980).
BT	Schmidt <i>et al.</i> , "Purification of a soluble isoform of guanylyl cyclase-activating-factor synthase," <i>Proc. Natl. Acad. Sci. U. S. A.</i> 88:365-369 (1991).
BU	Sherman <i>et al.</i> , "Purification and cDNA sequence of an inducible nitric oxide synthase from a human tumor cell line," <i>Biochemistry</i> 32:11600-11605 (1993).

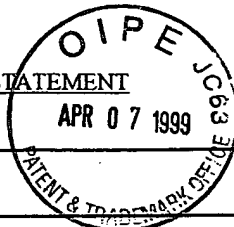
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8	BV	Stuehr <i>et al.</i> , "Purification and characterization of the cytokine-induced macrophage nitric oxide synthase: an FAD- and FMN-containing flavoprotein," <i>Proc. Natl. Acad. Sci. U. S. A.</i> 88:7773-7777 (1991).
8	BW	Stuehr <i>et al.</i> , "N <sup>ω</sup> -hydroxy-L-arginine is an intermediate in the biosynthesis of nitric oxide from L-arginine," <i>J. Biol. Chem.</i> 266:6259-6263 (1991).
8	BX	Stuehr <i>et al.</i> , "Spectral characterization of brain and macrophage nitric oxide synthases," <i>J. Biol. Chem.</i> 267:20547-20550 (1992).
8	BY	Wallace <i>et al.</i> , "N <sup>ω</sup> -hydroxy-L-arginine: a novel arginine analog capable of causing vasorelaxation in bovine intrapulmonary artery," <i>Biochem. Biophys. Res. Commun.</i> 176:528-534 (1991).
8	BZ	White <i>et al.</i> , "Nitric oxide synthase is a cytochrome P-450 type hemoprotein," <i>Biochemistry</i> 31:6627-6631 (1992).
8	CA	Wood <i>et al.</i> , "Vascular smooth muscle-derived relaxing factor (MDRF) and its close similarity to nitric oxide," <i>Biochem. Biophys. Res. Comm.</i> 170:80-88 (1990).
8	CB	Xie <i>et al.</i> , "Cloning and characterization of inducible nitric oxide synthase from mouse macrophages," <i>Science</i> 256:225-228 (1992).
8	CC	Yui <i>et al.</i> , "Calmodulin-independent nitric oxide synthase from rat polymorphonuclear neutrophils," <i>J. Biol. Chem.</i> 266:3369-3371 (1991).
8	CD	Yui <i>et al.</i> , "Purification of nitric oxide synthase from rat macrophages," <i>J. Biol. Chem.</i> 266:12544-12547 (1991).
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